



## SEQUENCE LISTING

<110> Lonsdale, John  
Milner, Peter  
Payne, David  
Pearson, Stewart

<120> FabI

<130> GM50005-D1

<140> US 09/292,411

<141> 1999-04-15

<150> US 08/790,043

<151> 1997-01-28

<150> US 60/024,845

<151> 1996-08-26

<160> 4

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 771

<212> DNA

<213> Staphylococcus aureus

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cacttatatc	aaattgatgt	tcaaagcgat	gaagagggta	ttaatgggtt	tgagcaaatt	240
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gacttacgcg	gacgcttttc	tgaaacttca	cgtgaaggct	tcttggttagc	tcaagacatt	360
agttcttact	cattaacaat	tgtggctcat	gaagctaaaa	aattaatgcc	agaagggtggt	420
agcattgttg	caacaacata	tttaggtggc	gaattcgcag	ttcaaaatta	taatgtgatg	480
ggtgttgcta	aagcgagctt	agaagcaaat	gttaaataat	tagcattaga	cttaggtcct	540
gataatattc	gcgttaatgc	aatttcagct	ggtccaatcc	gtacattaag	tgcaaaaggt	600
gtgggtgggt	tcaatacaat	tcttaaagaa	atcgaagagc	gtgcaccttt	aaaacgtaac	660
gttgatcaag	tagaagtagg	taaaacagcg	gcttacttrt	taagtgactt	atcaagtggc	720
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<210> 2

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<212> PRT

<213> Staphylococcus aureus

<400> 2

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		20						25					30		
Ala	Lys	Leu	Val	Phe	Thr	Tyr	Arg	Lys	Glu	Arg	Ser	Arg	Lys	Glu	Leu

35 40 45  
 Glu Lys Leu Leu Glu Gln Leu Asn Gln Pro Glu Ala His Leu Tyr Gln  
 50 55 60  
 Ile Asp Val Gln Ser Asp Glu Glu Val Ile Asn Gly Phe Glu Gln Ile  
 65 70 75 80  
 Gly Lys Asp Val Gly Asn Ile Asp Gly Val Tyr His Ser Ile Ala Phe  
 85 90 95  
 Ala Asn Met Glu Asp Leu Arg Gly Arg Phe Ser Glu Thr Ser Arg Glu  
 100 105 110  
 Gly Phe Leu Leu Ala Gln Asp Ile Ser Ser Tyr Ser Leu Thr Ile Val  
 115 120 125  
 Ala His Glu Ala Lys Lys Leu Met Pro Glu Gly Gly Ser Ile Val Ala  
 130 135 140  
 Thr Thr Tyr Leu Gly Gly Glu Phe Ala Val Gln Asn Tyr Asn Val Met  
 145 150 155 160  
 Gly Val Ala Lys Ala Ser Leu Glu Ala Asn Val Lys Tyr Leu Ala Leu  
 165 170 175  
 Asp Leu Gly Pro Asp Asn Ile Arg Val Asn Ala Ile Ser Ala Gly Pro  
 180 185 190  
 Ile Arg Thr Leu Ser Ala Lys Gly Val Gly Gly Phe Asn Thr Ile Leu  
 195 200 205  
 Lys Glu Ile Glu Glu Arg Ala Pro Leu Lys Arg Asn Val Asp Gln Val  
 210 215 220  
 Glu Val Gly Lys Thr Ala Ala Tyr Leu Leu Ser Asp Leu Ser Ser Gly  
 225 230 235 240  
 Val Thr Gly Glu Asn Ile His Val Asp Ser Gly Phe His Ala Ile Lys  
 245 250 255

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39

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33